

Converting Colors

XYZ(14.2082, 17.3896, 31.8463)

Have a look what the booklet for
XYZ(14.2082, 17.3896, 31.8463)
contains.

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Color

**XYZ(14.2097, 17.3797,
31.8838)**

Conversions

Conversions Part 1	
Format	Color
Hex	347C97
RGB	52, 124, 151
RGB Percent	20%, 49%, 59%
CMY	0.7961, 0.5137, 0.4078
CMYK	0.66, 0.18, 0.00, 0.41
HSL	196°, 49%, 40%
HSV	196°, 66%, 59%
XYZ	14.2097, 17.3797, 31.8838
YIQ	105.5500, -51.5790, -6.8670

Conversions

Conversions Part 2

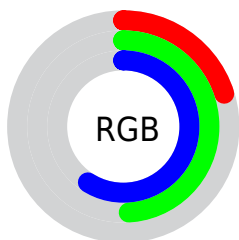
Format	Color
RYB	52, 94, 151
Decimal	3439767
CIELab	48.73, -13.66, -21.20
CIELCh	49, 25.219, 237.204
Yxy	17.3797, 0.2239, 0.2738
Android (android.graphics.Color)	4281629847 (0xFF347C97)
YUV	105.5500, 22.4069, -46.9633
Hunter-Lab	41.6890, -12.1139, -16.1628

Details

The XYZ color **14.2097, 17.3797, 31.8838** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **16.1788, 12.4199, 4.7940**, and the grayscale version is **13.5282, 14.2327, 15.4994**.

A 20% lighter version of the original color is **33.0483, 39.1033, 63.5635**, and **4.8163, 5.9523, 12.9516** is the 20% darker color. If you saturate the color by 10%, you get **13.0480, 16.0309, 31.6850**, and if you desaturate by 10%, it is **15.6428, 18.9011, 32.1023**.

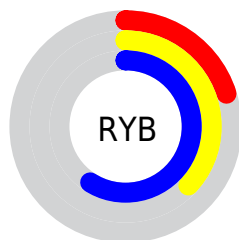
Distribution



Red (20%)

Green (49%)

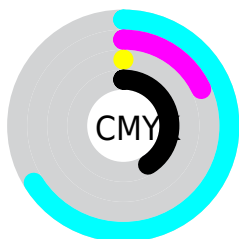
Blue (59%)



Red (20%)

Yellow (37%)

Blue (59%)

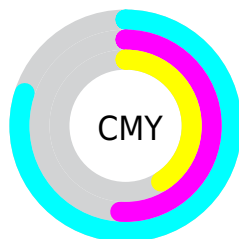


Cyan (66%)

Magenta (18%)

Yellow (0%)

Black (41%)



Cyan (80%)

Magenta (51%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2097, 17.3797, 31.8838 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 14.2097, 17.3797, 31.8838 by changing the saturation by 10% instead.


 14.2097, 17.3797,
31.8838


 14.2097, 17.3797,
31.8838


212.0161,
237.3511, 325.0660


 8.3493, 10.5056,
21.0087


 33.0438, 38.9775,
63.7247


 4.3730, 5.7354,
12.9390


 46.7483, 54.4699,
85.5275


 1.9152, 2.6849,
7.2563


 63.7981, 73.6039,
111.8100

 0.5857, 0.9695,
3.5421

 84.5588, 96.7638,
142.9906

 0.0000, 0.0000,
1.3776

 109.3955,
124.3341, 179.4880

 0.0000, 0.0000,
0.1242

138.6738,

 0.0000, 0.0000,

156.6992, 221.7207

0.0000

172.7589,
194.2434, 270.1072

■ 14.2097, 17.3797,
31.8838

■ 14.2097, 17.3797,
31.8838

■ 13.0480, 16.0309,
31.6850

■ 15.6428, 18.9011,
32.1023

■ 12.1309, 14.8395,
31.5034

■ 17.3671, 20.6046,
32.3402

■ 11.4252, 13.7883,
31.3377

■ 19.4028, 22.5015,
32.5990

■ 11.1423, 13.3471,
31.2674

■ 21.7674, 24.6010,
32.8796

■ 24.4771, 26.9119,
33.1829

■ 27.5473, 29.4425,
33.5095

■ 30.9920, 32.2003,
33.8603

■ 34.8247, 35.1927,
34.2359

■ 39.0581, 38.4265,
34.6369

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.8470, 17.3797, 25.4142



14.2097, 17.3797, 31.8838



16.3014, 17.3797, 34.8444

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.2097, 17.3797, 31.8838



21.4084, 17.3797, 19.5562



14.5548, 17.3797, 9.6542

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.2097, 17.3797, 31.8838



16.1788, 12.4199, 4.7940

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.7383, 17.3797, 8.7855



14.2097, 17.3797, 31.8838



20.8311, 17.3797, 13.6443

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.2097, 17.3797, 31.8838



20.5771, 17.3797, 26.7565



19.0656, 17.3797, 10.0592



13.0327, 17.3797, 12.7913

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.2097, 17.3797, 31.8838



17.8793, 17.3797, 34.0119



19.0656, 17.3797, 10.0592



15.2292, 17.3797, 9.1247

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.2103, 17.3803, 31.8842



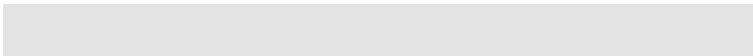
41.4071, 46.1439, 59.1580



13.8728, 23.4195, 11.0731



9.1302, 10.2472, 13.4142



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.2103, 17.3803, 31.8842



22.4906, 27.6039, 56.5764



9.5255, 8.0109, 30.3226



6.2421, 6.7415, 7.9012



9.5034, 11.4035, 26.6079



0.1717, 0.2297, 0.4077

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.6290, 10.4911, 20.1652



29.4937, 15.7194, 32.0713



21.0889, 22.2401, 6.4307



6.3893, 6.2949, 7.4301



13.2557, 6.5565, 13.1372



0.2131, 0.1040, 0.2751

Previews

White Background



This preview shows how the XYZ color 14.2097, 17.3797, 31.8838 looks on a white background.

Color Contrast Check

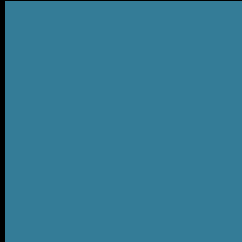
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 14.2097, 17.3797, 31.8838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2097, 17.3797, 31.8838

Background



This preview shows how black text looks on a background with the XYZ color 14.2097, 17.3797, 31.8838.

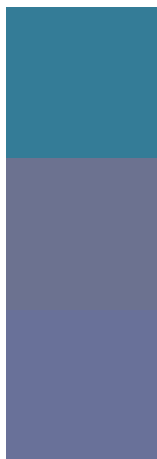


This preview shows how white text looks on a background with the XYZ color 14.2097, 17.3797,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.2097, 17.3797, 31.8838

Protanopia

17.2357, 17.2364, 28.8041

Deuteranopia

17.4806, 17.1134, 32.5189



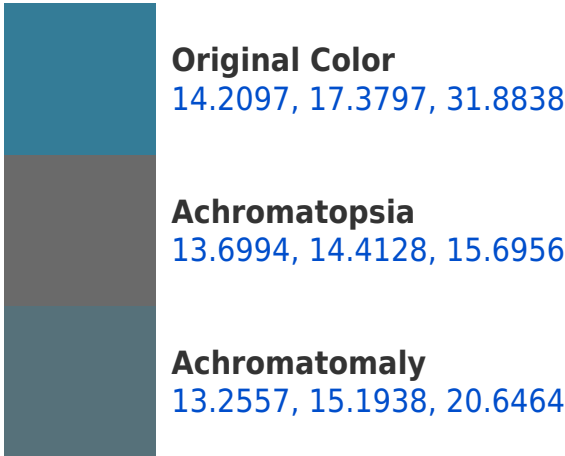
Tritanopia

13.0149, 17.2633, 26.3131

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2097, 17.3797, 31.8838 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(52, 124, 151) looks like.

```
.text, #text, p{  
    color:rgb(52, 124, 151)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(52, 124, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 124, 151) }
```

Border

The CSS property to change the border of an element to XYZ 14.2097, 17.3797, 31.8838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(52, 124, 151) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(52, 124, 151) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(52, 124, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 124, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 124, 151);  
box-shadow:4px 4px 4px 4px rgb(52, 124,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2097, 17.3797, 31.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 124, 151) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(52, 124,  
151) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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